

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A light emitting device comprising:
 a substrate;
 a transparent electrode formed on said substrate;
 a layer of light emitting material provided over the transparent electrode and
having at least one corrugated surface;~~and~~
 a further electrode formed over the light emitting material; and
 a conductive polymer layer formed over the transparent electrode, the
conductive polymer layer having a corrugated surface opposite to a surface facing the
transparent electrode, and the light emitting material being in contact with said corrugated
surface of the conductive polymer layer.
2. (Original) A light emitting device as claimed in claim 1, wherein the light emitting material is an organic material.
3. (Previously Presented) A light emitting device as claimed in claim 1, wherein the substrate has a corrugated surface.
4. (Canceled)
5. (Previously Presented) A light emitting device as claimed in claim 1, wherein the light emitting material has an absorption coefficient of less than 1000cm^{-1} .
6. (Previously Presented) A light emitting device as claimed in claim 1, wherein the light emitting material comprises a conjugated polymer.
7. (Currently Amended) A light emitting device as claimed in ~~any of claims~~
~~1~~claim 1, wherein the light emitting material comprises a polyfluorine derivative.

8. (Previously Presented) A light emitting device as claimed in claim 1, wherein the corrugated surface has a pitch Λ according to the equation: -

$$\Lambda = v\lambda_0 / n \sin \theta_m$$

in which angle θ_m is the angle of reflection from the upper and lower surfaces of the layer of light emitting material of light propagating in a waveguide mode m in the light emitting material, λ_0 is the output wavelength, and n and v are integers.

9. (Previously Presented) A light emitting device as claimed in claim 1, wherein the pitch of the corrugated surface is in the range 300 to 450nm.

10. (Currently Amended) A light emitting device as claimed in claim 1, wherein the corrugated surface has a ~~one-dimensional periodic structure~~ pitch only in a first dimension.

11. (Currently Amended) A light emitting device as claimed in claim 1, wherein the corrugated surface has a ~~two-dimensional periodic structure~~ pitch in a first and a second dimension.

12. (Previously Presented) A light emitting device as claimed in claim 1, wherein the corrugated surface has a three-dimensional periodic structure.

13. (Previously Presented) A light emitting device as claimed in claim 1, wherein the corrugated surface has the structure of a chirping grating.

14. (Previously Presented) A light emitting device as claimed in claim 1, wherein the layer of light emitting material has a plurality of regions each of which has a corrugated surface with a respectively different pitch.

15. (Currently Amended) A method of manufacturing a light emitting device comprising the steps of:

_____ providing a substrate;_i

_____ forming a transparent electrode on said substrate;_i

_____ providing a layer of light emitting material over the transparent electrode;
_____ arranging for the light emitting surface to have at least one corrugated surface;
and
_____ forming a further electrode over the light emitting material; and
_____ forming a conductive polymer layer over the transparent electrode, wherein the
step of arranging for the light emitting surface to have at least one corrugated surface includes
providing a corrugated surface on the conductive polymer layer on a surface of the conductive
polymer layer opposite to a surface facing the transparent electrode, and wherein the light
emitting material is provided in contact with the corrugated surface of the conductive polymer
layer.

16. (Original) A method of manufacturing a light emitting device as claimed in claim 15, wherein the step or arranging for the light emitting surface to have at least one corrugated surface includes providing a corrugated surface on the substrate.

17. (Currently Amended) A method of manufacturing a light emitting device as claimed in claim 16, comprising the steps of:

_____ providing the substrate with a photo-setting resin;
_____ forming the corrugated surface on the substrate by shaping the resin using a mold; and
_____ setting the resin by illuminating it with radiation.

18. (Canceled)

19. (Currently Amended) A method of manufacturing a light emitting device as claimed in ~~claim 18~~ claim 15, comprising the steps of:

_____ forming the corrugated surface on the conductive polymer layer by shaping the layer with a polymer mold; and
_____ setting the layer by applying heat.

20. (Currently Amended) A method of manufacturing a light emitting device as claimed in ~~claim 18~~claim 15, comprising the step of providing a corrugated surface on the conductive polymer layer ~~comprises;~~comprising:

_____ spin coating a conductive polymer material on to the transparent electrode;₁

_____ spin coating a conductive polymer material on to the corrugated surface of a mold;₂

_____ positioning the spin coated mold on the conductive polymer layer provided on the transparent electrode so as to sandwich the two conductive polymer layers together; and

_____ subsequently removing the mold.

21. (New) A light emitting device comprising:

a substrate;

a transparent electrode formed on said substrate;

a layer of light emitting material provided over the transparent electrode and having at least one corrugated surface; and

a further electrode formed over the light emitting material wherein the light emitting material comprises a polyfluorine derivative.

22. (New) A light emitting device as claimed in claim 21, wherein the substrate has a corrugated surface.

23. (New) A light emitting device as claimed in claim 21, wherein the light emitting material has an absorption coefficient of less than 1000cm^{-1} .

24. (New) A light emitting device as claimed in claim 21, wherein the corrugated surface has a pitch Λ according to the equation: -

$$\Lambda = v\lambda_0 / n \sin \theta_m$$

in which angle θ_m is the angle of reflection from the upper and lower surfaces of the layer of light emitting material of light propagating in a waveguide mode m in the light emitting material, λ_0 is the output wavelength, and n and v are integers.

25. (New) A light emitting device as claimed in claim 21, wherein the pitch of the corrugated surface is in the range 300 to 450nm.

26. (New) A light emitting device as claimed in claim 21, wherein the corrugated surface has a pitch only in a first dimension.

27. (New) A light emitting device as claimed in claim 21, wherein the corrugated surface has a pitch in a first and a second dimension.

28. (New) A light emitting device as claimed in claim 21, wherein the corrugated surface has a three-dimensional periodic structure.

29. (New) A light emitting device as claimed in claim 21, wherein the corrugated surface has the structure of a chirping grating.

30. (New) A light emitting device as claimed in claim 21, wherein the layer of light emitting material has a plurality of regions each of which has a corrugated surface with a respectively different pitch.

31. (New) A light emitting device comprising:

- a substrate;
- a transparent electrode formed on said substrate;
- a layer of light emitting material provided over the transparent electrode and having at least one corrugated surface;
- a further electrode formed over the light emitting material; and wherein the corrugated surface has a pitch Λ according to the equation: -

$$\Lambda = v\lambda_0 / n\sin\theta_m$$

in which angle θ_m is the angle of reflection from the upper and lower surfaces of the layer of light emitting material of light propagating in a waveguide mode m in the light emitting material, λ_0 is the output wavelength, and n and v are integers.

32. (New) A light emitting device as claimed in claim 31, wherein the light emitting material is an organic material.

33. (New) A light emitting device as claimed in claim 31, wherein the substrate has a corrugated surface.

34. (New) A light emitting device as claimed in claim 31, wherein the light emitting material has an absorption coefficient of less than 1000cm^{-1} .

35. (New) A light emitting device as claimed in claim 31, wherein the light emitting material comprises a conjugated polymer.

36. (New) A light emitting device as claimed in claim 31, wherein the pitch of the corrugated surface is in the range 300 to 450nm.

37. (New) A light emitting device as claimed in claim 31, wherein the corrugated surface has a pitch only in a first dimension.

38. (New) A light emitting device as claimed in claim 31, wherein the corrugated surface has a pitch in a first and a second dimension.

39. (New) A light emitting device as claimed in claim 31, wherein the corrugated surface has a three-dimensional periodic structure.

40. (New) A light emitting device as claimed in claim 31, wherein the corrugated surface has the structure of a chirping grating.

41. (New) A light emitting device as claimed in claim 31, wherein the layer of light emitting material has a plurality of regions each of which has a corrugated surface with a respectively different pitch.

42. (New) A light emitting device comprising:
- a substrate;
 - a transparent electrode formed on said substrate;
 - a layer of light emitting material provided over the transparent electrode and having at least one corrugated surface; and
 - a further electrode formed over the light emitting material wherein the corrugated surface has the structure or a chirping grating.
43. (New) A light emitting device as claimed in claim 42, wherein the light emitting material is an organic material.
44. (New) A light emitting device as claimed in claim 42, wherein the substrate has a corrugated surface.
45. (New) A light emitting device as claimed in claim 42, wherein the light emitting material has an absorption coefficient of less than 1000cm^{-1} .
46. (New) A light emitting device as claimed in claim 42, wherein the light emitting material comprises a conjugated polymer.